

From: Gregory Orehowsky
To: Martin Reineman
Subject: Re: Fw: Ford 6.7L Diesel Operator Commanded Regeneration Feature
Date: 08/16/2010 11:50 AM

sounds OK

Greg Orehowsky
Compliance and Innovative Strategies Division
Office of Transportation and Air Quality
Phone: 202-343-9292
Fax: 202-343-2804

▼ Martin Reineman---08/16/2010 11:48:59 AM---Same. No changes in IRAF results. No way for the operator to attempt "extra" regens.

From: Martin Reineman/AA/USEPA/US
To: Gregory Orehowsky/DC/USEPA/US@EPA
Cc: Chris Nevers/AA/USEPA/US@EPA
Date: 08/16/2010 11:48 AM
Subject: Re: Fw: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Same. No changes in IRAF results.
No way for the operator to attempt "extra" regens.

▼ Gregory Orehowsky---08/16/2010 11:38:42 AM---This is a common feature. From the AECD review side of things

From: Gregory Orehowsky/DC/USEPA/US
To: Martin Reineman/AA/USEPA/US@EPA
Date: 08/16/2010 11:38 AM
Subject: Re: Fw: Ford 6.7L Diesel Operator Commanded Regeneration Feature

This is a common feature.

From the AECD review side of things

Are the OCR regen emission the same as the emissions accounted for in IRAFs?

Can the OCR only be triggered before a forced regen is required or can the operator push the button any time he wants?

Greg Orehowsky
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▼ Martin Reineman---08/16/2010 11:26:40 AM---We had a conference call with Ford last week and told them we are OK with their running change but s

From: Martin Reineman/AA/USEPA/US
To: Gregory Orehowsky/DC/USEPA/US@EPA
Cc: Linc Wehrly/AA/USEPA/US@EPA
Date: 08/16/2010 11:26 AM
Subject: Fw: Ford 6.7L Diesel Operator Commanded Regeneration Feature

We had a conference call with Ford last week **Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5

Ford document provided to EPA is attached below.

----- Forwarded by Martin Reineman/AA/USEPA/US on 08/16/2010 11:13 AM -----

From: "Werthman, Alyssa (A.A.)" <awerthma@ford.com>
To: Martin Reineman/AA/USEPA/US@EPA
Date: 08/11/2010 09:55 AM
Subject: RE: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Hi Marty,

Here is the summary document on our operator commanded regeneration feature that we will use during today's 11:00 conference call. We will talk to you soon. Thanks.

Best Regards,

Alyssa Werthman

Ford Motor Company
Vehicle Environmental Engineering
Car & Truck Certification
phone: (313) 32-32706
email: awerthma@ford.com

From: Werthman, Alyssa (A.A.)
Sent: Friday, August 06, 2010 1:58 PM
To: 'Reineman.Martin@epamail.epa.gov'
Subject: RE: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Hi Marty,

Here is the conference call information for our meeting next Wednesday (8/11) at 11:00 am.

Dial: 888-621-3673 or 313-621-3673
Press 1 to join the meeting
Enter Meeting ID: 60897422

Also, regarding your question about TSB access I found out that this information is available through www.motorcraft.com. From the main page, TSBs are listed under "Subscription Products" and Holly Pugliese is the EPA contact who should have the current EPA subscription information that Ford has provided for log-in (username and password). Please let me know if you need any further information on this. Thank you.

Best Regards,
Alyssa Werthman
Ford Motor Company
Vehicle Environmental Engineering
Car & Truck Certification
phone: (313) 32-32706
email: awerthma@ford.com

From: Werthman, Alyssa (A.A.)
Sent: Thursday, August 05, 2010 4:08 PM
To: 'Reineman.Martin@epamail.epa.gov'
Subject: RE: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Hi Marty,

Would any of these times work for you?

Tuesday 8/10 at 10:00 am
Tuesday 8/10 at 3:00 pm
Wednesday 8/11 at 10:00 am

Please let me know and I can send you conference call dial-in information, or determine alternative times/dates.

Regarding your question on the Super Duty performance upgrade, this change was included in the R20 level calibration release that was submitted to EPA via running change letters through VERIFY on 8/3/10. For reference, the filenames for those submissions are CBI_BFMXD06.761A_APP_C03_R00.pdf and CBI_BFMXD06.771C_APP_C03_R00.pdf. New certification testing was not conducted; emissions transparency for this calibration release was supported by development data.

I am following up with the appropriate contacts to get an answer to your question on TSB access and will let you know what I find out.

Thanks for your help.

Best Regards,
Alyssa Werthman
Ford Motor Company
Vehicle Environmental Engineering
Car & Truck Certification
phone: (313) 32-32706
email: awerthma@ford.com

From: Reineman.Martin@epamail.epa.gov
[mailto:Reineman.Martin@epamail.epa.gov]
Sent: Thursday, August 05, 2010 10:52 AM
To: Werthman, Alyssa (A.A.)
Subject: RE: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Yes, give me a couple of possible times and I will set this up. Our cert staff is concerned about the OCR. The call will start with you explaining why you need this, how it works, how it would affect your previous cert

info developed without this function, warranty issues, and other topics that will likely come up. You may have discussed this with other EPA staff that have been more involved thru the many meetings on SCR, and that's why I'd like to make sure the right EPA staff are present.

Also, I'd like to know if the announcement for a performance upgrade to the SuperDuty class was supported by test data. How was EPA notified of this? Running change with test data?

Finally, can we access the Ford TSB web site?

From: "Werthman, Alyssa (A.A.)" <awerthma@ford.com>
To: Martin Reineman/AA/USEPA/US@EPA
Date: 08/04/2010 05:03 PM
Subject: RE: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Hi Marty,

Can we set up a conference call? Also, is it possible to give us a sense of what concerns you may have so that I can make sure we have the appropriate personnel at the meeting to address your questions? Feel free to give me a call to discuss further. Thank you.

Best Regards,
Alyssa Werthman
Ford Motor Company
Vehicle Environmental Engineering
Car & Truck Certification
phone: (313) 32-32706
email: awerthma@ford.com

From: Reineman.Martin@epamail.epa.gov
[<mailto:Reineman.Martin@epamail.epa.gov>]
Sent: Tuesday, August 03, 2010 11:29 AM
To: Werthman, Alyssa (A.A.)
Cc: Wehrly.Linc@epamail.epa.gov
Subject: Re: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Alyssa,

Chris Nevers and I think we need to discuss this with you. Wish to do this by conf. call or a field trip to our office?

From: "Werthman, Alyssa (A.A.)" <awerthma@ford.com>
To: Martin Reineman/AA/USEPA/US@EPA
Date: 08/02/2010 09:25 AM
Subject: Ford 6.7L Diesel Operator Commanded Regeneration Feature

Hi Marty,

I will be submitting a running change to you within the next couple days for the 2011 MY 6.7L diesel F-Series Super Duty. The calibration is being updated to the "R20" level to incorporate several robustness improvements. The change will be submitted via normal practice (letter and revisions page submitted through VERIFY), but I wanted to make you aware of one of the changes in advance.

In previous discussions related to diesel certification, we mentioned that Ford planned to implement an operator commanded regeneration (OCR) feature at some point within the 2011 MY. **CBI / Ex. 4**

CBI / Ex. 4

Additional detail about the operating conditions associated with operator commanded regeneration events will be added to the DPF Regeneration portion of the AECD documentation and submitted by the end of the year. Please let me know if you have any questions or need further information about our plans related to this feature. Thank you.

Best Regards,

Alyssa Werthman

Ford Motor Company

Vehicle Environmental Engineering

Car & Truck Certification

phone: (313) 32-32706

email: awerthma@ford.com [attachment "Ford OCR Summary.pdf"

deleted by Gregory Orehowsky/DC/USEPA/US]